

MODIFIED PTO/SB/08 (08-00)

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| Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: May 2, 2003 (use as many sheets as necessary) | | | | C mplete If Known | |
| Sheet | 1 | of | 2 | Application Number | 09/560,779 |
| | | | | Filing Date | 04/28/2000 |
| | | | | First Named Inventor | Danne L. Buchanan |
| | | | | Group Art Unit | 3628 |
| | | | | Examiner Name | Nga B. Nguyen |
| | | | | Attorney Docket Number | 057898-0102 |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------------------|----------------------|----------------------------------|---|--|---|
| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number | Kind Code ² (# known) | | | |
| /NL | A1 | 4,974,878 | | Josephson | 12/04/1990 | |
| /NL | A2 | 4,948,174 | | Thomson et al. | 08/14/1990 | |
| /NL | A3 | 4,731,524 | | Brooks | 03/15/1988 | |
| /NL | A4 | 4,730,767 | | Gendron | 03/15/1988 | |
| /NL | A5 | 4,650,978 | | Hudson et al. | 03/17/1987 | |
| /NL | A6 | 4,264,808 | | Owens et al. | 04/28/1981 | |
| /NL | A7 | 4,858,121 | | Barber et al. | 08/15/1989 | |
| /NL | A8 | 5,121,945 | | Thomson et al. | 08/16/1992 | |
| /NL | A9 | 5,237,159 | | Stephens et al. | 08/17/1993 | |
| /NL | A10 | 5,168,444 | | Cukor et al. | 12/01/1992 | |
| /NL | A11 | 5,265,007 | | Barnhard, Jr. et al. | 11/23/1993 | |
| /NL | A12 | 5,373,550 | | Campbell et al. | 12/13/1994 | |
| /NL | A13 | 5,412,190 | | Josephson et al. | 05/02/1995 | |
| /NL | A14 | 5,444,794 | | Uhland, Sr. | 08/22/1995 | |
| /NL | A15 | 5,508,691 | | Bednar et al. | 04/09/1996 | |
| /NL | A16 | 5,532,484 | | Josephson et al. | 07/02/1996 | |
| /NL | A17 | 5,689,579 | | Josephson | 11/18/1997 | |
| /NL | A18 | 5,691,524 | | Josephson | 11/25/1997 | |
| /NL | A19 | 5,708,810 | | Kern et al. | 01/13/1998 | |
| /NL | A20 | 5,763,808 | | Josephson | 07/21/1998 | |
| /NL | A21 | 5,784,610 | | Copeland, III et al. | 07/21/1998 | |
| /NL | A22 | 5,793,302 | | Stambler | 08/11/1998 | |
| /NL | A23 | 5,802,498 | | Comesanas | 09/01/1998 | |
| /NL | A24 | 5,819,236 | | Josephson | 10/06/1998 | |
| /NL | A25 | 5,832,464 | | Houvenier et al. | 11/03/1998 | |
| /NL | A26 | 5,864,871 | | Kitain et al. | 01/26/1999 | |
| /NL | A27 | 5,870,725 | | Bellinger et al. | 02/09/1999 | |
| /NL | A28 | 5,893,078 | | Paulson | 04/06/1999 | |
| /NL | A29 | 5,895,453 | | Cook | 04/20/1999 | |
| /NL | A30 | 5,904,844 | | Stone | 05/18/1999 | |
| /NL | A31 | 5,910,988 | | Ballard | 06/08/1999 | |
| /NL | A32 | 5,917,965 | | Cahill et al. | 06/29/1999 | |
| /NL | A33 | 5,938,541 | | Stambler | 08/10/1999 | |
| /NL | A34 | 5,963,659 | | Cahill et al. | 10/05/1999 | |
| /NL | A35 | 5,974,148 | | Stambler | 10/26/1999 | |
| /NL | A36 | 6,019,292 | | Thompson et al. | 02/01/2000 | |
| /NL | A37 | 6,029,172 | | Jorna et al. | 02/22/2000 | |
| /NL | A38 | 6,115,509 | | Yeskel | 09/05/2000 | |
| /NL | A39 | 6,181,837 | B1 | Cahill et al. | 01/30/2001 | |
| /NL | A40 | 6,202,055 | B1 | Houvenier et al. | 03/13/2001 | |
| /NL | A41 | 2002/0152170 | A1 | Dutta et al. | 10/17/2002 | |
| /NL | A42 | 2003/0009420 | A1 | Jones | 01/09/2003 | |
| /NL | A43 | 2003/0023557 | A1 | Moore | 01/30/2003 | |

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|--------------------|-------------------|-----------------|-----------------|
| Examiner Signature | <i>Nga Nguyen</i> | Date Considered | <i>10/17/03</i> |
|--------------------|-------------------|-----------------|-----------------|

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⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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| <p style="text-align: center;">Substitute for form 1449B/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>Date Submitted: May 2, 2003</p> <p>(use as many sheets as necessary)</p> | | | | <p style="text-align: center;">Complete If Known</p> <table border="1"> <tr> <td>Application Number</td> <td>09/560,779</td> </tr> <tr> <td>Filing Date</td> <td>04/28/2000</td> </tr> <tr> <td>First Named Inventor</td> <td>Danne L. Buchanan</td> </tr> <tr> <td>Group Art Unit</td> <td>3620</td> </tr> <tr> <td>Examiner Name</td> <td>Nga B. Nguyen</td> </tr> <tr> <td>Attorney Docket Number</td> <td>057898-0102</td> </tr> </table> | | Application Number | 09/560,779 | Filing Date | 04/28/2000 | First Named Inventor | Danne L. Buchanan | Group Art Unit | 3620 | Examiner Name | Nga B. Nguyen | Attorney Docket Number | 057898-0102 |
| Application Number | 09/560,779 | | | | | | | | | | | | | | | | |
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| Examiner Name | Nga B. Nguyen | | | | | | | | | | | | | | | | |
| Attorney Docket Number | 057898-0102 | | | | | | | | | | | | | | | | |
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U.S. PATENT DOCUMENTS

| U.S. Patent Document | | | | | |
|----------------------|-----|--------------|----|------------------|------------|
| 1111 | A44 | 2003/0033252 | A1 | Buttridge et al. | 02/13/2003 |
| 1111 | A45 | 2003/0050889 | A1 | Burke | 03/13/2003 |

FOREIGN PATENT DOCUMENTS

NON PATENT LITERATURE DOCUMENTS

| | | | |
|--------------------|------------|-----------------|----------|
| Examiner Signature | Mga Nguyen | Date Considered | 10/17/03 |
|--------------------|------------|-----------------|----------|

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| Substitute for form 1449B/PTO | | | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | |
| Date Submitted: March 18, 2003 | | | |
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| Sheet | 1 | of | 1 |

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U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|----------------------|-----------------------------------|---|---|--|
| | | Number | Kind Code ² (if known) | | | |
| nm | B1 | 5,910,988 | | Ballard | 06/08/1999 | <i>RECEIVED MAR 28 2003 GROUP 3600</i> |

FOREIGN PATENT DOCUMENTS

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

| | | | |
|--------------------|-----------------------|--|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ⁶ |
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Nguyen

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⁴Unique Character Designation Number. See attached kinds of U.S. Patent Documents. Enter Office which issued the document, by its two-letter code (WIPO Standard ST. 3). ⁵For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷Applicant is to place a check mark here if English language Translation is attached.

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